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DPD-4620-59

13 July 1959

MEMORANDUM FOR: Acting Chief, DPD-DD/P

SUBJECT : Malfunction Report, Period Ending 30 June 1959

1. The following malfunction information is presented for the period ending 30 June 1959:

I. Communications

- A. Detachment "C" - No mission or preflight malfunctions and only routine bench check problems on the System III and the Rambo TWT amplifier.
- B. Detachment "B" - An extensive report was submitted reporting minor bench check failures. Notable among these were 5 capstan and 1 take-up motor drive assemblies which indicates the defective units are being worked out of the equipment. There were malfunctions on four missions as follows:



25X1D

II. Photographic Equipment

- A. During the period 2 June 1959 through 30 June 1959, there were a total of twenty-nine missions reported flown using photographic equipment. Equipments malfunctioned on four of these missions giving an overall effectiveness of 86.4%.
- B. Equipment reliability for the above referenced period was:

	<u>A-1 Conf.</u>	<u>A-2 Conf.</u>	<u>B Conf.</u>	<u>Trackers</u>
Missions flown	0	0	12	29
Malfunctions	0	0	1	3
Per Cent Eff.	0	0	91.5%	89.66%

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II. Photographic Equipment (Cont'd)

- C. The one B Configuration equipment malfunction occurred during let down at completion of mission, and although the mission was successful, it was counted as an equipment malfunction in the evaluation contained in II. B.
- D. Tracker malfunctions were due to the following:
 - a. Stiff scan latch
 - b. Binding in scan head
 - c. Scan clutch not properly adjusted
- E. Trackers SN-5 and SN-10 are now being returned to the factory for overhaul.

III. Air Frame and Engines

No malfunctions reported this period.

SIGNED

25X1A


Chief, Materiel Branch
DPD-DD/P

MB/DPD-DD/P:CFW:mss
Dist: 0 - A/CH/DPD
1 - DD/P
1 - OPS/DPD
1 - MAT/DPD
1 - RL/DPD

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